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\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Practice Limited to  
Federal Agencies

December 30, 2003

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

WRITER'S DIRECT NUMBER:

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INTERNET ADDRESS:

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RECEIVED

JAN 07 2004

Re: Allowed U.S. Utility Patent Application  
Appl. No. 09/223,046; Filed: December 30, 1998  
For: **Method for Providing Extended Precision in SIMD Vector  
Arithmetic Operations**  
Inventors: van Hook *et al.*  
Our Ref: 0056.10US (1778.0110001)

Technology Center 2100

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Fee Transmittal Form (PTO/SB/17);
2. Petition to Withdraw from Issue Under 37 C.F.R. § 1.313(c)(2) For Reconsideration of a Request for Continued Examination;
3. Request for Continued Examination Transmittal (PTO/SB/30);
4. Request for Grant of Status Under 37 C.F.R. § 1.47(a) from Parent Application in accordance with MPEP § 602.05(a);
5. Copies of the Petition Under 37 C.F.R. § 1.47 and Statement of Facts with accompanying documents as originally filed in U.S. Appl. No. 08/947,648 on May 12, 1998;
6. Credit Card Payment Form (PTO-2038); and
7. One (1) return postcard.

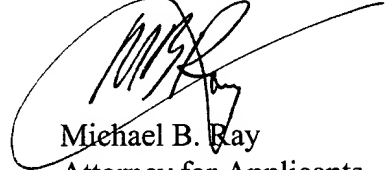
Commissioner for Patents  
December 30, 2003  
Page 2

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michael B. Ray  
Attorney for Applicants  
Registration No. 33,997

DJF/MBR/LMY:krd  
Enclosures

SKGF\_DC1:213714.1

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.101.

TOTAL AMOUNT OF PAYMENT (\$ ) 900.00

## Complete if Known

Application Number 09/223,046  
Filing Date D cemb r 30, 1998  
First Named Inventor Timothy J. van Hook  
Examiner Name Donaghu , Larry D.  
Art Unit 2154  
Attorney Docket No. 0056.10US (1778.0110001)

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☒ Other\*\* ☐ None  
\*\* Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

☐ Deposit Account  
Deposit Account Number 19-0036  
Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any over payments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1105	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) -0-

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra	Fee from below	Fee Paid
Total Claims - 20** =	X		
Indep. Claims - 3** =	X		
Multiple Dependent			

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) -0-

\*\*or number previously paid, if greater; For Reissue, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1502	50	2052	25	Surcharge-late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	130.00
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	770.00
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 900.00

Complete (if applicable)

## SUBMITTED BY

Name (Print/Type)

Michael B. Ray

Registration No.  
(Attorney/Agent)

33,997

Telephone 202-371-2600

Date

12/30/03

Signature

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, SKGF\_DC1:213716 1  
P.O. Box 1450, Alexandria, VA 22313-1450.



# COPY

Docket No.: SGI 15-4-458.00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner of Patents and Trademarks, Box AF, Washington, D.C., 20231, on the below date of deposit.					
Date of Deposit:	05/12/98	Name of Person Making the Deposit:	KATHERINE RINALDI	Signature of the Person Making the Deposit:	<i>Katherine Rinaldi</i>

Inventor(s): Timothy J. van Hook, Peter Hsu, William A. Huffman, Henry P. Moreton and Earl A. Killian

Serial No.: 08/947,648

Group Art Unit:

Filed: 10/09/97

Examiner:

Batch No:

Title: A METHOD FOR PROVIDING EXTENDED PRECISION IN SIMD VECTOR ARITHMETIC OPERATIONS

**RECEIVED**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**JAN 07 2004**

Technology Center 2100

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Sir:

In response to the Notice to File Missing parts of Application (Filing Date Granted) mailed 02/12/98,  
please find enclosed:

- ☒ [X] a duly executed Declaration and Power of Attorney signed by the inventor(s) and the surcharge of \$130.00 as set fourth in 37 C.F.R. § 1.16(e)
- ☒ [X] a Petition Form for Signature by Person with Sufficient Proprietary Interest on Behalf of Omitted Inventor(s) who refuse(s) to sign or cannot be reached
- ☐ [ ] a Declaration Claiming Small Entity Status, and a Request for Refund
- ☒ [X] a Statement of Facts in Support of Filing on Behalf of Nonsigning Inventor under 37 C.F.R. § 1.47 (b)
- ☒ [X] a Request for an Extension of Time; and fee of \$110.00
- ☐ [ ] a verified English translation of the application, and the \$130.00 fee as set fourth in 37 C.F.R. § 1.17(k);

# COPY

- ☐ an Assignment document, Form PTO-1595, and the \$40.00 Assignment Recording Fee;
- ☐ Revocation & New Power of Attorney by Assignee of Entire Interest
- ☒ Form PTO-1533 (copy of Notice to be returned with response);
- ☐ Basic Filing Fee
- ☐ Other: \_\_\_\_\_

## Extension of Term

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.
- (a) ☒ Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

<u>Extension</u>	<u>Fee</u>
<input checked="" type="checkbox"/> one month	\$110.00
<input type="checkbox"/> two months	\$400.00
<input type="checkbox"/> three months	\$950.00
<input type="checkbox"/> four months	\$1,510.00
<b><u>Fee \$ 110.00</u></b>	

## PAYMENT OF FEES

1. The full fee due in connection with this communication is provided as follows:
- ☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085.  
A duplicate copy of this authorization is enclosed.
- ☒ A check in the amount of \$240.00
- ☐ Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

# COPY

Please direct all correspondence concerning the above-identified application to the following address:

**WAGNER, MURABITO & HAO**  
Two North Market Street, Third Floor  
San Jose, California 95113  
(408) 938-9060

Respectfully submitted,

**ORIGINAL SIGNED BY**

Date: 5/12/98

By: J.P.H.  
James P. Hao  
Reg. No. 36,398

COPY

WAGNER, MURABITO & HAO  
COSTS ADVANCED ACCOUNT  
2 NORTH MARKET ST., 3rd FLOOR 408-938-9060  
SAN JOSE, CA 95113

CITIBANK, F.S.B.  
SAN JOSE, CA 95124  
90-7118 / 3211-108

001227

PAY

Two Hundred Forty and No/100 Dollars

DATE

5/12/98

AMOUNT

\$240.00



TO THE  
ORDER  
OF:

ASSISTANT COMMISSIONER FOR PATENTS

WAGNER, MURABITO & HAO

ORIGINAL SIGNED BY

JPH

AUTHORIZED SIGNATURE

Memo: SGI-15-4-458.00 NOTICE OF MISSING PARTS RESP+1  
MO EXT OF TIME

⑈001227⑈ ⑆321171184⑆ 601165798⑈

Response to Missing Parts

Applicant: van Hook et al.

Filing Date: 10/09/97

Docket No.: SGI 15-4-458.00

Serial No.: 08/947,648

Title: A METHOD FOR PROVIDING EXTENDED PRECISION IN SIMD  
VECTOR ARITHMETIC OPERATIONS

Sir:

Please acknowledge receipt of the following:

☒ PTO Form 1533

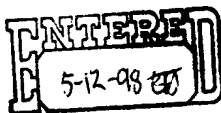
☒ Response to Missing Parts

☒ Declaration / Oath

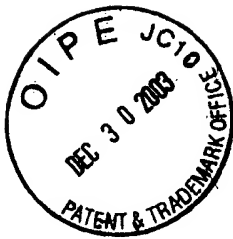
☒ Extension of Time (listed on Transmittal)

☒ Check No. 1227 in the amount of \$ 240.00

☒ Certificate of Mailing



rev. 6/97 jpw



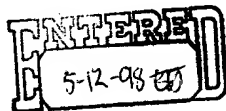
# COPY

Response to Missing Parts  
Applicant: **van Hook et al.** Filing Date: **10/09/97**  
Docket No.: **SGI 15-4-458.00** Serial No.: **08/947,648**  
Title: **A METHOD FOR PROVIDING EXTENDED PRECISION IN SIMD VECTOR ARITHMETIC OPERATIONS**

Sir:

Please acknowledge receipt of the following:

- |                                                                                             |                                                                               |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> PTO Form 1533                                           | <input checked="" type="checkbox"/> Response to Missing Parts                 |
| <input checked="" type="checkbox"/> Declaration / Oath                                      | <input checked="" type="checkbox"/> Extension of Time (listed on Transmittal) |
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Date: **5-26-98**

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